



Bath Salts or Designer Cathinones

The principal active ingredient in bath salts MDPV (methylenedioxypyrovalerone) is a highly potent synthetic cathinone derivative.

☠️ **The Navy takes a zero tolerance stance when it comes to the use of synthetic drugs.**

☠️ **According to SECNAV Instruction 5300.28D, the use of any controlled substances and designer drugs such as "bath salts"**

is prohibited

discharge from the Navy.



From the Seattle Weekly:



**“According to the federal drug fine
the
U.S. two years ago.**

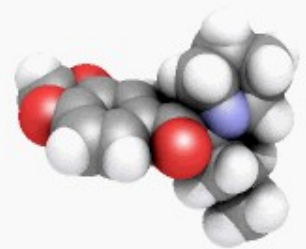


**Since then it has been blamed for
several horrific incidents, including
the murder/suicide of Fort Lewis
soldier David Stewart, his girlfriend
Kristy Sampels, and their 5-year-old
son in Tumwater in April.”**

Seattle Weekly 14 Jun 11

-  **“On the afternoon of April 22, Army medic and two-tour Iraq veteran David "Doc" Stewart gunned down his girlfriend Kristy Sampels and fatally shot himself on I-5 just south of Tumwater after a state trooper pulled him over for speeding after a lengthy chase.**
-  **Hours earlier, Stewart's 5-year-old son Jordan was asphyxiated with a plastic bag over his head at the family's home in Spanaway.**
-  **Investigators discovered a jar of Lady Bubbles "bath salts," a powerful stimulant chemically similar to methamphetamine and snorted like cocaine, in Stewart's pocket.**
-  **Yesterday, toxicology results from the Thurston County Coroner confirmed that both Stewart and Sampels were high on the drug at the time of their deaths.”**

- ☠️ **The active ingredients, the stimulants mephedrone and methylenedioxypyrovalerone (MDPV), or its metabolite, pyrovalerone had been previously unregulated because they aren't marketed or intended for human consumption.**
- ☠️ **It is marketed in the U.S. as "Bath salts" and is found in convenience stores, discount tobacco outlets, gas stations, pawnshops, tattoo parlors, truck stops, night clubs and other locations.**
- ☠️ **The marketing scheme is similar to that for Spice, K2 which was sold as incense, and herbal smoking blends.**



The Primary Ingredients Are Derived From Cathinone

- ☠ Cathinone, a central nervous system stimulant found in the leaves of the “khat” bush (*Catha edulis*) is also known as African salad, bushman's tea, gat, kat, miraa, qat, chat, tohai, and tschat
- ☠ Khat (*Catha edulis*) is Ethiopia's fourth biggest export (after coffee, leather & oil seeds) growing every year.
- ☠ It is a traditional narcotic and is exported mainly to Somalia and Djibouti and then to the U.S. and Europe.
- ☠ Causes stimulation, then euphoria and then depression.



The Truth About Bath Salts:

- ☠️ The substances contained in these products have absolutely nothing in common with *actual bath salts*.
- ☠️ The same chemicals in the so-called 'bath salts' have also been sold as plant food, pond scum cleaner, and insecticide.
- ☠️ Most bath salts are illegal street



Bath Salts & Cocaine



- ☠ **Bath salts are primarily snorted and has comparable abuse potential as cocaine.**
- ☠ **More than half of those who use both Bath Salts and Cocaine reporting mixing them so that Mephedrone gives a better quality high.**

The Internet

- ⚠ Perhaps the most alarming feature of these designer drugs is the role the Web plays in their rapid appearance and rise in popularity.
- ⚠ “The recreational drug market ... is constantly evolving, with the Internet playing an increasingly dominant role,” said researchers with the Psychonaut Web Mapping Project, a two-year European Union-funded project (January 2008-December 2009) with the aim of developing a Web-scanning system to identify and categorize novel recreational drugs/psychoactive compounds and new trends in drug use on information on the Internet.



Appearance

- ☠ The substance appears as a white to light yellow, hygroscopic, clumpy powder with a slight odor.
- ☠ It appears to darken slightly in color and take on a potato-tuber-like odor if exposed to air for any significant length of time.
- ☠ It has also been observed to rapidly degrade and change properties when in exposed to air as a free base.



Methylenedioxypropylrovalerone (MDPV)

- ☠️ A psychoactive drug with stimulant properties which acts as a Noradrenaline-Dopamine Reuptake Inhibitor (NDRI).
- ☠️ Reportedly, it has been sold since around 2004 as a designer drug known as MDPK, MTV, Magic, Maddie, Black Rob, Super Coke and PV.
- ☠️ Since 2010 it has been sold as a legal drug alternative and marketed in the United States as "bath salts" .
- ☠️ Media warnings and law enforcement officials refer to it as a "dangerous but legal drug", "copy-cat cocaine", "the devil", "poison", and "synthetic speed".



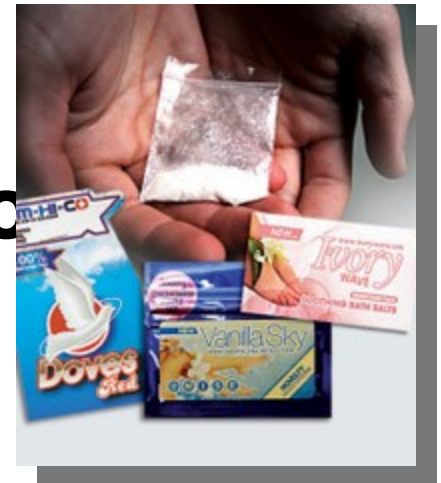
☠️ **MDPV acts as a stimulant and has been reported to produce effects similar to those of cocaine, methylphenidate, and amphetamines**



☠️ **Bath salts” are also often sold in dance clubs and at underground parties known as “raves”.**

☠️ **They typically sell for approximately \$40 to \$100 per gram, and each packet contains approximately one quarter to one gram.**

☠️ **One gram consists of approximately 8 to doses.**



Physiological & Psychological effects

- ☠ Aggression
- ☠ Agitation
- ☠ Breathing difficulty
- ☠ Bruxism (grinding teeth)
- ☠ Confusion
- ☠ Dizziness
- ☠ Extreme anxiety sometimes progressing to violent behavior
- ☠ Fits and delusions
- ☠ Hallucinations
- ☠ Headache
- ☠ Hypertension (high blood pressure)
- ☠ Increased alertness/awareness
- ☠ Increased body temperature, chills, sweating
- ☠ Insomnia
- ☠ Kidney pain
- ☠ Lack of appetite
- ☠ Liver failure
- ☠ Loss of bowel control
- ☠ Muscle spasms
- ☠ Nausea, stomach cramps, and digestive problems
- ☠ Nosebleeds
- ☠ Psychotic delusions
- ☠ Pupil dilation
- ☠ Renal failure
- ☠ Rhabdomyolysis
- ☠ Severe paranoia
- ☠ Suicidal thoughts
- ☠ Tachycardia (rapid heartbeat)
- ☠ Tinnitus
- ☠ Vasoconstriction (narrowing of the blood vessels)

What is a bath salts user looking for?

- ☠️ Euphoria
- ☠️ Increased alertness and awareness
- ☠️ Increased wakefulness and arousal
- ☠️ Increased energy and motivation
- ☠️ Mental stimulation/increased concentration



- ☠️ Increased sociability
- ☠️ Sexual stimulation/aphrodisiac effects
- ☠️ Mild empathogenic effects
- ☠️ Diminished perception of the requirement for food and sleep

How is it used?

- ☠️ **Reported modalities of intake include oral consumption, insufflation (snorting), smoking, rectal and intravenous use.**
- ☠️ **It is supposedly active at 3–5 mg, with typical doses ranging between 5–20 mg.**
- ☠️ **MDPV loses potency when it is put into solution.**

-  **These powerful stimulant drugs, however, are produced as a legal substitute for ecstasy, cocaine and amphetamines, and are designed to avoid legal prosecution.**
-  **Though popular amongst ages 14 to 25, users of all ages have been reported.**
-  **Those who have used the product have described the initial effects diminish quickly, compelling them to immediately use the drug again.**

Duration of effects:

Stage	Oral	Insufflated
Onset	15 - 30 mins	5 - 20 mins
Coming Up	30 - 60 mins	15 - 30 mins
Plateau	30 - 180 mins	30 - 120 mins
Coming Down	30 - 120 mins	30 - 60 mins
After Effects	2 - 48 Hours	2-48 Hours
	Total duration: 2.0-7.0 Hours	Total duration: 2.0-3.5 Hours

 ***Note: Duration of effects is highly dose-dependent.***

Legality

- ☠️ **In the United States, it is illegal in Alabama, Florida, Kentucky, Louisiana, Maine, Mississippi, New Jersey, North Dakota, Virginia, and Washington.**
- ☠️ **Also, one of the chemicals used in MDPV has been banned in 10 more states, including, Idaho, Utah, Wyoming, New Mexico, Arkansas, Kentucky, Michigan, Virginia, West Virginia and North Carolina.**
- ☠️ **It is illegal to sell, buy, or possess without a license in the European Union, Australia, Canada and Israel.**





- ☠ According to the DEA, companies in India and China are principally responsible for manufacturing and exporting the synthetic stimulants.
- ☠ Shippers typically mislabel the products to evade detection by law enforcement and sell them via the internet to distributors around the world.
- ☠ Small retailers then sell the drugs online, through traditional distribution methods, or by retail distribution at convenience stores, gas stations, etc.

Calls to poison centers about exposures to bath salts:

Year	Number of Calls
2010	303
As of June 30, 2011	3,740



- ☠ **In 2010, poison control centers in the U.S. received 235 calls regarding bath salts.**
- ☠ **By January 2011, US poison control centers had already received 214 calls regarding bath salts.**

Types of Bath Salts:

Arctic Blast	Crush	Mystic	White
Bayou Ivory	Dynamite	Ocean Snow	White Dove
Flower			
Bliss	Dynamite Plus	Pure Ivory	White Girls
Bloom	Energizing	Pure White	White Horse
	Aromatherapy		
	Powder		
Blue Magic	Euphoria	Purple Rain	White
			Lightening
Blue Silk	Gold Rush	Red Dove	White
			Lightening
Bolivian	Hurricane	Route 69	White
Bonsai Winter	Ivory Fresh	Scarface	Wicked X
Boost			
C Original	Ivory Wave	Snow Day	Wicked XX
Charge Plus	Ivory Wave	Snow Leopard	Zoom
	Ultra		
Cloud 9	Lady Bubbles	Tranquility	
Cloud 10	Lunar Wave	Vanilla Sky	
Cotton Cloud	Mr. Nice	Whack	